

THE BEAN BAG

Current Research on Legumes



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FROM THE EDITORS: As you can see from the distribution map above, the BEAN BAG enjoys a global readership! Nearly 200 individuals and fifteen institutions in many countries receive the newsletter. We thought you would be interested in where the readers are, as well as their special interests, which appear in the directory following.

Each entry in the directory includes the full name, address, and title of each addressee who returned the pink sheets sent with BB-No. 6. We have included many of those who failed to return their form because we know they have an active interest in the subject matter. In many instances the entries for these people are less complete,

we regret to say. Since the newsletter is sent free of any charge, all over the world, there are costs to consider; so if anyone receiving it would prefer not to have an individual copy, please do let us know.^{1/}

Many of you have written, or spoken, kind words about the usefulness of the BEAN BAG, and we sincerely appreciate your generous comments. Let this serve as a very warm "thank you" to all of you.

Although it is not our custom to note the passing of our readers, the death of Elmar E. Leppik earlier this year should not go unnoticed. Dr. Leppik came to this country from Lithuania many years ago and was employed by the U.S. Department of Agriculture at the time of his sudden, final illness. His authoritative papers on the rust-fungi on legumes, on floral evolution, and on pollination ecology remain a memorial to him.

* * * DIRECTORY * * *

INDIVIDUALS

- ACEBES, Juan Ramón Ginovés; (Licenciado); Depto. de Botánica, Facultad de Ciencias, Universidad de la Laguna, Tenerife, SPAIN; [Papilionoideae (Vicieae); Canarias - taxonomía]
- VON REIS ALTSCHUL, Siri; 45 East 89th Street, Apt. 30A, New York City, NY 10028, USA
- ANDERSON, Douglas M. W.; (Dr.); Chemistry Dept., The University, West Mains Road, Edinburgh EH93JJ, SCOTLAND; [Chemistry of Acacia gum exudates]
- BAHADUR, Bir; (Dr.); Kakatiya University, Warangal 506009, A.P., INDIA; [Left or right-handedness in relation to yield of legumes]
- BARBOSA, Cesar; Instituto de Ciencias Naturales, Universidad Nacional, Apartado 7495, Bogotá, COLOMBIA; [Galegeae (Astragaleae) of Colombia.]
- BARBOSA-FEVEREIRO, Vania Perazzo; (Prof.); C.C.T.-U.F.Pb., 58397 - Areia - Paraíba - BRASIL; [Centrosema, Macroptilium, Leguminosae of Paraíba State]
- BARETTA-KUIPERS, Tine; (Dr.); Institute of Systematic Botany, University of Utrecht, Transitorium II, Utrecht, NETHERLANDS; [Identification of South American legume woods]
- BARNBY, Rupert C.; (Mr.); New York Botanical Garden, Bronx, NY 10458, USA; [New World Astragaleae, Daleeae, Psoraleeae; Cassia (except Australia)]
- BMSSLER, Manfred; (Dr.); Humboldt-Universität zu Berlin, Museum für Naturkunde, DDR-1195 Berlin, Späthstrasse 80/81; [Lathyrus (all species); Mimosoideae (from Cuba)]
- BAUDET, Jean C.; (Ing.); Rue du Mail 51, 1050 Bruxelles, BELGIUM
- BEAUCHAMP, R. Mitchel; (Mr.); P.O. Box 985, National City, CA 92050, USA; [Southern California floristics]
- BEHNKE, H. Dietmar; (Prof.); Lehrstuhl für Zellenlehre, Universität Heidelberg, Im Neuenheimer Feld 230, D-6900 Heidelberg, GERMANY; [Sieve-element plastids of Fabales]
- BELL, E. Arthur; (Prof.); Dept. of Plant Sciences, Kings College, 68 Half Moon Lane, London, S.E. 24, ENGLAND; [Chemotaxonomy and physiological effects of non-protein amino acids]
- BERNARD, Richard L.; (Dr.); Department of Agronomy, University of Illinois, Urbana, IL 61801, USA; [Soybean breeding and genetics]
- BISEY, Frank A.; (Dr.); Biology Dept., Building 44, University of Southampton, Southampton, SO9 5NH, ENGLAND; [Numerical taxonomy of Crotalaria, Genisteae, Vicieae]
- BOCK, K. R.; E.A.A.F.R.O., Box 30148, Nairobi, KENYA
- BRAVO, Lilia Dora; (Dr.); Dept. Ciencias Biológicas, PAB. II - CDAD Universitaria, 1428 Buenos Aires, ARGENTINA; [Prosopis - Cassia (Argentina)]
- BRENNAN, John Patrick M.; (Prof.); 49 The Green, Kew, Richmond, Surrey, TW9 3AE, ENGLAND; [Leguminosae, Mimosoideae, Caesalpinoideae, particularly of tropical Africa]
- BROCKWELL, J.; CSIRO, Division of Plant Industry, P.O. Box 1600, Canberra City, AUSTRALIA; [Legume bacteriology]

- BRUMMITT, Richard Kenneth; (Dr.); Royal Botanic Gardens, Kew, Richmond, Surrey, U.K.; [South Tropical African, esp. Tephrosia]
- BURTON, Joe C; Nitrogin Company, Box 09186, Milwaukee, WI 53209, USA; [Association of legumes with nodule bacteria, Rhizobium spp.]
- CABRERA, Angel Lulio; (Dr.); Instituto de Botánica Darwinion, Labardén 200, San Isidro, 1640 Martínez, ARGENTINA
- CANE, James H.; Dept. of Entomology, University of Kansas, Lawrence, KS 66045, USA; [Bee pollination of neotropical leguminous trees]
- CANO, Gerónimo; Inst. Tecn. y de Est. sup. de Monterrey, Sucursal de Correos "J", Monterrey, N.L., MÉXICO
- CÁRDENAS DE GUEVARA, Lourdes; Departamento de Botánica Agrícola, Facultad de Agronomía, U.C.V. El Limón, Maracay, Estado Aragua, VENEZUELA
- CARTER, Annetta M.; Herbarium, Dept. Botany, University of California, Berkeley, CA 94720, USA; [Taxonomy of Cercidium (Caesalpinioidae)]
- CHRISTIAN, James A.; (Prof.); Box 5708, Tech Station, Ruston, LA 71270, USA; [Lupinus (Legumes of Louisiana)]
- CHRTKOVÁ, Anna; (Dr.); Botanical Institute, Czechoslovak Academy of Sciences, 252 43 Průhonice u Prahy, CZECHOSLOVAKIA; [Taxonomy, Cytotaxonomy (Lotus, Vicia, Czechoslovak Fabaceae)]
- CLEMENTS, Robert John; (Dr.); CSIRO, Mill Road, St. Lucia, Brisbane, Queensland 4067, AUSTRALIA; [Pasture legume breeder; Centrosema taxonomy]
- CLEWELL, Andre F.; (Prof.); Dept. Biological Science, Florida State University, Tallahassee, FL 32306, USA; [Lespedeza]
- CORBY, Harold D. L.; (Mr.); Department of Botany, University of Rhodesia, P.O. Box M.P. 167, Salisbury, RHODESIA; [Systematic occurrence of nodule-shape. Legume inoculant development and production.]
- COWAN, R. S.; (Dr.); Department of Botany, Smithsonian Institution, Washington, DC 20560, USA; [Caesalpinioidae of tropical America]
- CRISTOFOLINI, Giovanni; Istituto Botanico, Università, via Cumano 2, 34100 Trieste, ITALY
- CUBERO, José I.; Escuela Técnica Superior de Ingenieros Agrónomos, Departamento de Genética, Apartado 246, Córdoba, SPAIN
- DAHLGREN, Rolf M. T.; (Prof.); Botanical Museum, Gothersgade 130, DK 1123 Copenhagen K, DENMARK; [Aspalathus, Wiborgia, Hypocalyptus, etc. (South African genera of Fabaceae)]
- DEBOUCK, Daniel G.; Centro Internacional de Agricultura Tropical, Cali, Apartado Aéreo 67-13, COLOMBIA; [Phaseolus germplasm, evaluation and morphogenesis.]
- DELGADO, Alicia Arevalo de; Sociedad Botánica del Ecuador, P.O. Box 455, Guayaquil, ECUADOR
- DELGADO-SALINAS, Alfonso; Rama de Botánica, Colegio de Postgraduados, Chapingo, México, MEXICO; [Phaseolus and allies; Cassia]
- DE WIT, Hendrik C. D.; (Prof., Dr.); Laboratory for Plant Taxonomy and Plant Geography, University for Agriculture, P.O. Box 8010, 6700 ED Wageningen, NETHERLANDS; [Acacia albida]
- DILCHER, David L.; (Prof.); Department of Biology, Indiana University, Bloomington, IN 47401, USA; [Fossil legumes, Early Tertiary age, North America]
- DONSELMAN, H. M.; University of Florida, Institute of Food and Agricultural Science, 3205 S. W. 70th Avenue, Fort Lauderdale, FL 33314, USA
- DOYLE, J.; Department of Plant Sciences, Jordan Hall 138, Indiana University, Bloomington, IN 47401, USA; [Origin and evolution of Lupinus mutabilis in Andean highlands.]
- DUDIĆ, N. M.; (Dr.); Central Botanical Garden, Timiryazevska str. 1, 252014 Kiev, U.S.S.R.
- DUKE, James A.; (Dr.); Rm. 117 Bldg. 001, BARC-West, Beltsville, MD. 20705, USA
- DUNCAN, Wilbur H.; (Prof.); Botany Department, University of Georgia, Athens, GA 30602, USA; [Galactia of Southeastern U.S.]
- DUNN, David B.; (Prof.); 201 Tucker Hall, Univ. Mo.-Columbia, Columbia, MO 65201, USA; [Lupinus of the World]
- DWYER, John D.; (Dr.); Missouri Botanical Garden, Tower Grove Ave., St. Louis, MO 63110, USA
- EL-GAZZAR, Adel; (Dr.); The Herbarium, Botany Dept., Faculty of Science, Cairo University, Giza, EGYPT; [Host-rust relationship and its taxonomic implications]

- ELIAS, Thomas S.; (Dr.); The Cary Arboretum, Box AB, Millbrook, NY 12545, USA: [Extrafloreal nectararies; Mimosoideae]
- ERVIN, Sean Edward; (Comrade); POB #401, College 8 - UCSC, Santa Cruz, CA 95060, USA; [Nodule formation]
- EVERIST, S. L.; Queensland Herbarium, Meiers Road, Indooroopilly, Queensland, AUSTRALIA 4068
- FERGUSON, Ian Keith; (Dr.); Royal Botanic Gardens, Kew, Richmond, Surrey TW9 3AE, ENGLAND; [Pollen morphology of Papilionoideae (Fabaceae)]
- FLEAK, Lewis S.; (Assoc. Prof.); Missouri Valley College, Marshall, MO 65340, USA; [Lupinus]
- FORDE, Margot B.; (Dr.); Grasslands Division DSIR, Private Bag, Palmerston North, NEW ZEALAND; [Biosystematics and genetic resources of temperate forage legumes]
- FORERO, Enrique; (Assoc. Prof.); Inst. de Ciencias Naturales, Universidad Nacional, Apartado 7495, Bogotá, COLOMBIA; [Ca liandra]
- FUENTES, Elida Carrillo; Museo de Historia Natural, Apartado 1109, Avenida Arenales 1256, Lima, PERU
- GEESINK, Robert; (Dr.); Rijksherbarium, Schelpenkade 6, Leiden, NETHERLANDS; [Milletia, Derris and allied genera; Papilionaceae for the Flora Malesiana region]
- GENEVOIS, Louis; (Prof.); 18, rue Duban, 75016 Paris, FRANCE; [Les protéines des graines]
- GIANGUALANI, Raquel; (Prof.); Ministeria de Agricultura, I.N.T.A., Villa Udaondo - Castelar, ARGENTINA; [Vicia]
- GIANNASI, David E.; (Dr.); New York Botanical Garden, Bronx, NY 10458, USA; [Chemotaxonomy]
- GIBBS, P. E.; Departamento de Morfología e Sistemática Vegetais, Instituto de Biología de UNICAMP, Cx. Pos. 1170, Campinas, 13.100, S.P., BRAZIL
- GILL, L. S.; Department of Biological Sciences of Benin, P.M.B 1154, Benin City, NIGERIA
- GILLET, J. B.; East African Herbarium, Box 45166, Nairobi, KENYA
- GILLET, John M.; National Herbarium, Museum of Natural Sciences, Ottawa, CANADA KIA 0M8
- GLADSTONE, J. S.; Western Australia, Department of Agriculture, Jarrah Road, South Perth, WESTERN AUSTRALIA 6151
- GOMEZ, Sosa, E.; Instituto de Botánico Darwiniano, Labarden 200, San Isidro, Buenos Aires, ARGENTINA
- GORDON-GRAY, Kathleen D.; (Dr.); Department of Botany, University of Natal, Pietermaritzburg Natal, SOUTH AFRICA 3200; [Cassia in South Africa; Acacia in Natal]
- GORENFLOT, Robert; (Prof.); Laboratoire de Biologie végétale C Bat. 362, Faculté des Sciences, 91405, Orsay, FRANCE; [Biosystematique des genres Hippocrepis, Anthyllis, Lathyrus, Lotus, Astragalus]
- GRAHAM, Alan K.; (Prof.); Dept. Biological Sciences, Kent State Univ., Kent, OH 44242, USA; [Pollen morphology Erythrinae; Caesalpinioideae]
- GRANT, William F.; (Dr.); Genetics Laboratory, MacDonald Campus of McGill University, Ste. Anne de Bellevue, Quebec, CANADA HOA 1C0; [Lotus Biosystematics, Cytogenetics]
- GREAR, John W.; (Dr.); 146 Stanyan St., San Francisco, CA 94118, USA; [Eriosema, Rhynchosia]
- GREYER-GONZALES, Rosaura; Universidad Autónoma, Metropolitana-Iztapalapa, Purisima y Michoacán, Iztapalapa, México 13, D.F., MEXICO; [El género Mimosa en México (Taxonomia; identificación)]
- GUINET, Philippe; Faculte des Sciences, Lab. de Palynologie, Pl., Eugene-Bataillon, 34060 Montpellier Cedex, FRANCE; [Palynology]
- GUNN, Charles R.; (Dr.); Plant Taxonomy Laboratory, USDA, Room 238, Bldg. 001, BARC-West, Beltsville, MD 20705, USA; [Seed-fruit morphology; Viciae; Medicago sativa]
- HALLARD, Jacques M.; Vilmorin Research Center, La Menitrie, F. 49250, Beaufort en Vallee, FRANCE; [Phaseolus spp.; Pisum sativum; Glycine max]
- HANELT, Peter H.; (Dr.); Zentralinstitut f. Genetik u. Kulturpflanzenforschung, DDR-4325 Gatersleben/DDR; [Vicia, Lathyrus; Pisum]
- HAQ, Nazmul; (Dr.); Department of Biology, Building 44, The University, Southampton SO9 5NH, ENGLAND; [Breeding, hybridization & cytogenetics of Psophocarpus spp., & Arachis spp.]

- HARDAS, M. W.; National Bureau of Plant Genetic Resources, (IARI Campus), New Delhi, INDIA, PIN 110012; [Quick growing tree/shrub legumes for fuel/fodder]
- HARDING, James; (Prof.); Dept. Environ. Horticulture, Univ. Calif., Davis, CA 95616, USA; [Genetics, Ecology, and Systematics of Calif. annual Lupines]
- HEGNAUER, Robert; (Dr.); Cobetstraat 49, Leiden, NETHERLANDS; [Chemotaxonomy (general); Cyanogenic constituents]
- HEISER, Charles B.; (Dr.); Dept. of Biology, Indiana Univ., Bloomington, IN 47401, USA; [Gleditsia]
- HERINGER, Ezechias Paulo; (Prof.); Departamento de Biología Vegetal Herbário, Universidade de Brasília, 10.000 Brasília, D.F., BRAZIL; [Legume trees]
- HEYN, Chaia Clara; (Prof.); Department of Botany, The Hebrew University, Jerusalem, ISRAEL; [Medicago (annuals); Lupinus (Old World); Lotus (subgen. Lotus)]
- HIJWEGEN, Tijmen; (Ir.); Department of Phytopathology, Agricultural University, Binnenhaven 9, Wageningen, THE NETHERLANDS; [Host-parasite relationship, taxonomic significance of]
- HOLMGREN, Noel H.; (Dr.); New York Botanical Garden, Bronx, NY 10458, USA; [Intermountain Flora]
- HUNZIKER, Juan H.; Depto. de Ciencias Biológicas, Facultad de Ciencias Exactas y Naturales Interdente Griraldes 2620, Univ. Nacional de Buenos Aires, Suc 281428, Buenos Aires, ARGENTINA
- HYMOWITZ, Theodore; (Dr.); Agronomy Department, University of Illinois, Urbana, IL 61801, USA; [Cyamopsis, Glycine, Psophocarpus]
- IRWIN, Howard S.; (Dr.); The N.Y. Botanical Garden, Bronx, NY 10458, USA; [Systematics of Cassia]
- ISELY, Duane; (Prof.); Dept. of Botany, Iowa State University, Ames, IA 50011, USA; [Leguminosae of the United States]
- JACKSON, Anthony H.; (Prof.); Department of Chemistry, University College, P.O. Box 78, Cardiff CF1 1XL, U.K.; [Isolation and chemical structure determination of Erythrina alkaloids (taxonomic aspects)]
- JANZEN, Daniel H.; (Prof.); Department of Biology G7, University of Pennsylvania, Philadelphia, PA 19174, USA; [Ecology of legume interactions with seed predators and defoliators in the tropics; demography and seed biology of legumes]
- JIMENEZ A., Jose de Js.; Calle Máximo Gómez 34, Santiago de los Caballeros, República Dominicana, ANTILLAS
- KINGSOLVER, John M.; (Dr.); Systematic Entomology Lab., USDA, NHB, W-602, Washington, DC 20560, USA; [Legumes/Bruchid interactions]
- KOEPPEN, Robert C.; (Dr.); Center for Wood Anatomy Research, U.S. Forest Products Laboratory, Madison, WI 53705, USA; [Wood anatomy, especially of Caesalpinioideae]
- KOLSTAD, Ole A.; (Dr.); Department of Biology, Kearney State College, Kearney, NB 68847, USA; [Interest in midwest legumes]
- KRETSCHMER, Jr., Albert E.; (Prof.); Agric. Research Center, P.O. Box 248, Univ. Fla., Ft. Pierce, FL 33450, USA; [Introduction and evaluation of tropical Papilionoideae for forage]
- KRUKOFF, B. A.; (Dr.); New York Botanical Garden, Bronx Park, NY 10458, USA; [Erythrina systematics]
- KUPICHA, Frances K.; (Dr.); Botany School, Downing Street, Cambridge CB2 3EA ENGLAND; [Taxonomy of Viciaeae]
- KUZMANOV, Bogdan A.; Institute of Botany, Bulgarian Academy of Sciences, Sofia-1113, BULGARIA
- KVAALEN, R. V.; Horticulture Department, Purdue University, West Lafayette, IN 47907, USA; [Ornamental species of temperate zone]
- LACKEY, James A.; (Dr.); Department of Botany, Smithsonian Institution, Washington, DC 20560, USA; [Taxonomy of Phaseoleae]
- LANGENHEIM, Jean H.; (Dr.); Thimann Labs., University of California, Santa Cruz, CA 95064, USA; [Evolution of resin-producing Caesalpinioideae]
- LARSEN, Kai; (Prof.); Botanisk Institut, Nordlandsvej 68, DK-8240 Riisskov, DENMARK; [Caesalpinioideae from Thailand - Indochina]
- LARSEN, Supée Saksuwan; (Mrs.); Botanisk Institut, Nordlandsvej 68, DK-8240 Riisskov, DENMARK; [Bauhinia and Cassia from Thailand & Indochina]

- LASSEIGNE, Jr., Alex Antoine; University of Wisconsin Herbarium, Department of Botany, Madison, WI 53706, USA; [SE U.S. Leguminosae/Cassia, esp. sect. Chamaeistula series Corymbosae]
- LASETTER, J. Stuart; Department of Biological Sciences, Eastern Kentucky University, Richmond, KY 40475, USA
- LEDINGHAM, George F.; (Prof.); Regina University, Regina, Saskatchewan, CANADA S4S 0A2; [Astragalus chromosome number and phylogeny]
- LEE, David W.; Department of Botany, University Malaya, Kuala Lumpur, MALAYSIA
- LEE, E.; c/o Flat 1118, 47 Kam Hong Street, North Point, HONG KONG
- LERSTEN, Nels R.; (Prof.); Department of Botany, Iowa State University, Ames, IA 50011, USA; [Vegetative, floral, seed anatomy]
- LESINS, Karlis A.; (Prof. Emer.); Dept. Genetics, Univ. Alberta, Edmonton, Alberta, CANADA T6G 2E9; [Medicago]
- MACONACHIE, John R.; (Mr.); Herbarium of the Nth Territory, Box 2134, Alice Springs N.T. 5750, AUSTRALIA; [Leguminosae of the North Territory, Australia]
- MAHLER, Wm. F.; (Dr.); SMU Herbarium, Dallas, TX 75275, USA; [Pollen morphology-Psoralaeae]
- MAMICPIC, Noel Gayo; (Assoc. Prof.); Agronomy Dept., UPLB, College, Laguna, PHILIPPINES 3720; [Seed technology; germplasm collection and conservation]
- 't MANNETJE, Leendert; (Dr.); C.S.I.R.O., Mill Road, St. Lucia, Brisbane, Qld, AUSTRALIA 4067; [Stylosanthes taxonomy. Agronomy of pasture legumes]
- MARÉCHAL, Robert; Faculté des Sciences agronomiques de l'Etat, Phytotechnie des Régions chaudes, B - 5800, Gembloux, BELGIUM; [Phaseolinae subtribe]
- MARTINS, Elena Maria Occhioni; (Prof.); Departamento de Botânica, Universidade Federal do Rio de Janeiro, Ilha do Fundão -ZC-32, Rio de Janeiro, BRASIL; [Stryphnodendron]
- MASLIN, Bruce R.; W. A. Herbarium, Jarrah Rd., South Perth, Western Australia, 6151 AUSTRALIA; [Acacia]
- MATTOS, Nilza Fischer; Instituto de Botânica, Caixa postal 4005, São Paulo, BRAZIL
- MAXWELL, Richard Howard; (Assoc. Prof.); Natural Sciences, Indiana University Southeast, P.O. Box 679, New Albany, IN 47150, USA; [Fabaceae - Phaseoleae - Diocleinae taxonomy]
- MC NEILL, John; (Dr.); Biosystematics Research Institute, Central Experimental Farm, Ottawa, K1A 0C6, CANADA; [General interest especially in Temperate genera and weedy species.]
- MEINERS, Jack P.; (Chief); Applied Plant Pathology Laboratory, PPI, ARS, USDA, Rm. 201, Bldg. 004-BARC-W, Beltsville, MD 20705, USA; [Diseases of edible legumes, especially Phaseolus vulgaris]
- MENNEGA, Alberta M.; (Dr.); Inst. Systematic Botany, Heidelberglaan 2, Utrecht, NETHERLANDS [Wood anatomy]
- MIEGE, Jacques; (Prof.); Conservatoire botanique, Case postale 60, CH-1292 Chambes, SWITZERLAND; [General study of Leguminosae seed proteins, especially in Phaseolus, Vigna, Lablab and related genera]
- MISRA, Arunkumar; (Prof.); Bela Road, Darbhanga, 846 004, INDIA; [Cassia, medicinal legumes, virus diseases of pulses]
- MOTT, Jerry; (Dr.); Department of Agronomy, McCarty Hall, 2183, Gainesville, FL 32611, USA; [Tropical forage legumes]
- MOUSSAVI, Mahmoud; Plant Pests & Diseases Research Institute, Tehran - IRAN, P.O. Box 3178; [General except Astragalus]
- MOZARRO, F.; INTA, Depto. de Botánica Biblioteca, Villa Udaordo 1712 Castelar, Buenos Aires, ARGENTINA
- MURTHI, Anishetty N.; Genetic Resources, ICRISAT, 1-11-256, Begumpet, Hyderabad - 500 016, INDIA; [Pulse Germplasm]
- NEVLING, Jr., L. I.; (Dr.); Field Museum, Roosevelt Rd. & Lake Shore Dr., Chicago, IL 60605, USA; [Mimosoideae]
- NIELSEN, Ivan Christian; Botanical Institute, Herbarium, Nordlandsvej 68, DK-8240 Risskov, DENMARK; [Ingeae (Mimosaceae) & Acacia subgen. Aculeiferum of tropical Asia & Australia]
- NONGONIERIA, Antoine; I.F.A.N., B.P. 206, Dakar, R.P., SÉNÉGAL; [Biosystematique de Acacia d'Afrique occidentale]

- MOZZOLILLO, Constance; (Prof.); Dept. of Biology, Univ. of Ottawa, Ottawa K1N6N5, CANADA; [Anthocyanin pigmentation in seedlings]
- OHASHI, Hiroyoshi; (Assoc. Prof.); Botanical Gardens, Kioshikawa, University of Tokyo, Hakusan 3-7-1, Tokyo 112, JAPAN; [Asiatic species of Desmodieae and Phaseoleae, and Leguminosae of the Himalaya and Japan]
- OLDEMAN, Roelof A. A.; (Dr.); "Hinkeloord" Sylviculture, Gen. Foulkesweg 64, 6140 Wageningen, NETHERLANDS; [Architecture and behavior in vegetation of legume trees]
- OSETROV, Vladimir D.; (CSc); Semashko St. 10-65-5, Su-252142, Kiev-142, USSR; [Taxonomy, ethnobotany, medicinal uses of Astragalus, Galega, Glycyrrhiza, Hedysarum, Melilotus, Trifolium]
- PALACIOS, Ramon Antonio; (Ing. Agron.); Dept. de Ciencias Biológicas, Intend. Guiraldes 2620 Suc. 28, 1428 Buenos Aires, ARGENTINA; [Prosopis: behavior of natural populations]
- PALMER, Reid G.; (Research Geneticist); Genetics Dept., Iowa State University, Ames, Iowa 50011, USA; [Cytology and genetics of Glycine]
- PERAZZO, Barbosa V.; Centro de Ciencias e Tecnologia do U. F. Pb., Campus II, Areia 58397, Paraíba, BRASIL
- PIRES, J. Murca; Instituto de Pesquisas Agropecuaria do Norte, Caixa Postal 48, Belem, Para 66000, BRASIL
- PLITMAN, Uzi; (Dr.); Dept. of Botany, The Hebrew University, Jerusalem, ISRAEL; [Biosystematics and experimental taxonomy of Vicia, Lathyrus, Lupinus, etc.]
- PODLECH, Dieter; Institute of Systematic Botany, University of Munich, Menzinger Str. 67, D-8000 München 19, GERMANY
- POLHILL, Roger Marcus; (Dr.); Herbarium, Royal Botanic Gardens, KEW, Richmond, Surrey TW9 3AE, ENGLAND; [Papilionoideae, especially Crotalarieae and Genisteae]
- PONERT, Jifi; Hortus Botanicus Subtropicus Batumensis, Machindjauri Adjarskoi ASSR, SU-384533, SOVIET UNION
- PRANCE, Ghilleen T.; (Dr.); The New York Botanical Garden, Bronx, New York 10458, USA; [Field collection in Amazonia]
- RAKOTOVAO, Lala H.; (Dr.); Service de Botanique, E. E. S. Sciences B.P.906, Universite de Madagascar, Tananarive, MADAGASCAR; [Legumineuses alimentaires]
- RAVEN, Peter H.; (Dr.); Missouri Botanical Garden, 2315 Tower Grove Ave., St. Louis, Mo. 63110, USA; [General; Erythrina]
- REMBERT, David H.; (Assoc. Prof.); Dept. of Biology, University of South Carolina, Columbia, South Carolina 29208, USA; [Gametophyte development and phylogeny in legumes]
- ROBBERTSE, P. J.; Dept. of General Botany, University of Pretoria, Pretoria 0002, REPUBLIC OF SOUTH AFRICA
- RODRIGUEZ-CARRASQUERO, Henry A.; (Forestry Eng.); Missouri Botanical Garden, 2315 Tower Grove Ave., St. Louis, Mo. 63110, USA; [Northern South America legume trees (dendrology of legumes)]
- ROSENTHAL, Gerald A.; (Assoc. Prof.); T.H. Morgan Bldg., University of Kentucky, Lexington, Ky. 40506, USA; [Non-protein amino acid biology and biochemistry]
- ROSS, James H.; (Dr.); Royal Botanic Gardens, South Yarra, 3141, Victoria, AUSTRALIA; [Elephantorrhiza, Acacia (African species)]
- ROUX, David G.; (Prof.); Dept. of Chemistry, University of the O.F.S., Bloemfontein 9301, REPUBLIC OF SOUTH AFRICA; [Chemotaxonomy of Acacia; phytochemistry of Leguminosae]
- RUDD, Velva E.; (Dr.); P.O. Box 19, Reseda, Calif. 91335, USA; [Leguminosae, especially Neotropical and Sri Lanka]
- RUIZ-TERAN, Luis E.; (Dr.); Herbarium MERF, Depto. de Botánica y Farmacognosia, Facultad de Farmacia, ULA, Merida, VENEZUELA S.A.; [Taxonomy and chemistry of the Venezuelan legumes]
- SAUER, Jonathan D.; (Prof.); Dept. of Geography, University of California, Los Angeles, Calif. 90024, USA; [Taxonomy of Canavalia]

- SAYER, Kenneth D.; (Breeder); C.I.A.T., Apartado Aereo 67-13, Cali, COLOMBIA; [Tropical forage legume breeding - Stylosanthes and Zornia]
- SCHREIBER, Annelis; (Dr.); Botanische Staatssammlung, Menzinger Str. 67, D-8000 Munchen 19, GERMANY FED. REP.; [Leguminosae from South West Africa]
- SCHUBERT, Bernice G.; (Dr.); Arnold Arboretum, Harvard Univ., 22 Divinity Ave., Cambridge, Mass. 02138, USA; [Desmodium of North and South America and Africa especially; also interested in genus from the rest of the world]
- SCHULTZE-KRAFT, Rainer; (Dr.); Plant Introduction Section, Beef Program, C.I.A.T., Apartado Aereo 6713, Cali, COLOMBIA S.A.; [Collection and evaluation of tropical pasture legumes]
- SENESSE, Suzanne; Laboratoire de Palynologie, U.S.P.L., Place Eugène Bataillon 34060, Montpellier Cedex, FRANCE
- SHARMA, Gopal K.; (Prof.); University of Tennessee at Martin, Martin, Tenn. 38238, USA; [Trifolium]
- SHOCK, Clinton C.; Instituto de Pesquisas IRI, Caixa Postal - 91, 15990 Mato-São Paulo, BRASIL; [Evaluation of pasture legumes]
- SILVA, Marlene Freitas da; (Botânica); Inst. Nac. Pesq. Amazonia (INPA), Estrada do Aleixo, km 4, C.P. 478-69.000, Manaus, Amazonas, BRASIL; [Peltogyne e Dimorphandra (Leg. Caesalp.)]
- SINHA, Ramkumar; Mithanpura Road, Muzaffarpur, 842 002, INDIA; [The genus Cassia (Leguminosae: Caesalpinieae), particularly medicinal]
- SLINKARD, Alfred E.; (Sr. Research Scientist); Crop Development Centre, Univ. of Saskatchewan, Saskatoon, Sask. S7N 0W0, CANADA; [Breeding and management of Pisum and Lens]
- SMARTT, Joseph; (Dr.); Dept. of Biology, Building 44, The University of Southampton, SO9 5NH, ENGLAND; [Evolution and breeding of tropical pulse crops]
- SMOLENSKI, S. J.; (Dr.); Dept. of Pharmacognosy and Pharmacology, College of Pharmacy, University of Illinois at Medical Center, Chicago, Ill. 60612, USA; [Phytochemistry]
- SOLBRIG, Otto T.; (Dr.); Gray Herbarium, Harvard University, 22 Divinity Ave., Cambridge, Mass. 02138, USA; [Evolutionary biology]
- SOUSA S., Mario; Instituto de Biología, Depto. de Botánica - Herbario Nacional, Apartado Postal 70-367, México 20, D.F., MEXICO; [Floristic on Mexican tropical Leguminosae and taxonomic revision of Lonchocarpus]
- STAFLEU, Frans A.; (Dr.); Room 28.04.04, Tweede Transitorium, Uithof, Utrecht, NETHERLANDS; [Bibliography, history, nomenclature]
- STAINIER, Françoise; Laboratoire de Phytotechnie, Tropicale et Subtropicale, Université Catholique de Louvain, Place Croix du Sud, 3, Sc. 15 D, B - 1348 Louvain-la-Neuve, BELGIUM
- STANKOVICZ, Ann K.; (Junior scientific worker); The Herbarium, N.I. Vavilov Inst. of Plant Industry 42, Herzen St., 190000, Leningrad, USSR; [Cytotaxonomy and systematics of Vicia]
- STEENIS, C. G. G. J. van; (Dr.); C/O Rijksherbarium, Schelpenkade 6, Leiden, THE NETHERLANDS; [Flora Malesiana]
- STEIN, Otto L.; (Prof.); Dept. of Botany, Univ. of Mass., Amherst, Mass. 01003, USA; [Anatomy and morphology of shoot apices - Caesalpinioideae]
- STIRTON, Charles H.; (Mr.); South African Liaison Offices, Kew Gardens, Richmond, Surrey, ENGLAND; [Taxonomy of South African Papilionaceae; insect-legume relationships and co-evolution]
- STORBECK, Timothy A.; (Grad. Student); Indiana University, Dept. of Biology, Jordan Hall 138, Bloomington, Indiana 47401, USA; [Evolution of cultivated legumes]
- ST. JOHN, Harold; (Dr.); Bishop Museum, Box 6037, Honolulu, Hawaii 96818, USA; [Hawaiian Canavalia and other genera]
- TURNER, B. L.; (Prof.); Dept. of Botany, Univ. of Texas, Austin, Texas 78712, USA; [Tribe Thermopsidae, especially Baptisia]
- TURNER, Raymond M.; (Botanist); U.S. Geological Survey, 301 W. Congress St., Tucson, Arizona 85701, USA; [Woody legumes of the Sonoran Desert region]

- VAN DER MAESEN, Laurentius Josephus Gerardus; (Dr.); Germplasm Botanist - ICRISAT, 1-11-256, Begumpet, Hyderabad 500 016, A. P., INDIA; [Monographed Cicer. Genetic resources of chickpeas and pigeonpeas]
- VERDCOURT, Bernard; (Dr.); Royal Botanic Gardens, Kew, Richmond, Surrey, ENGLAND; [New Guinea species, East African species - especially Phaseoleae and Hedysareae]
- VIDAL, Jules E.; (Dr.); Lab. Phanerogamie, 16, Rue Buffon, 75005, Paris, FRANCE; [Asiatic Caesalpinioidae - flora of Cambodia, Laos, Vietnam]
- VIETMEYER, Noel D.; (Dr.); National Academy of Sciences, 2101 Constitution Ave., Washington D.C. 20418, USA; [Study of under-exploited tropical legumes]
- WAINWRIGHT, Colin McClain; (Dr.); Dept. of Horticulture, Ulysses S. Grant High School, 13000 Oxnard St., Van Nuys, Calif. 91401, USA; [Taxonomy, ecology and pollination of annual Lupinus species]
- WEDER, Jürgen K. P.; (Dr.); Inst. Lebensmittelchemie, Lichtenbergstr 4, D-8046, Garching, FED. REP. OF GERMANY; [Proteases and protease inhibitors in legumes]
- WELSH, Stanley Larson; (Dr.); Rm 378, Life Science Museum, Brigham Young University, Provo, Utah 84602, USA; [Oxytropis of North America; Astragalus of western US; Legumes of Utah]
- WESTPHAL, E.; Ecole Nationale Supérieure Agronomique, B.P. 138, Yaounde, Cameroun, ETHIOPIA
- WHITE, Jeffrey W.; (Grad. student); Dept. of Botany, Univ. of California, Berkeley, Calif. 94720, USA; [Morphology and physiology of Phaseolus vulgaris L.]
- WILBUR, Robert L.; (Prof.); Dept. of Botany, Duke University, Durham, N.C. 27706, USA; [Leguminosae of the Carolinas and Costa Rica]
- WINDLER, Donald R.; (Prof); Dept. of Biology, Towson State University, Towson, Md. 21204, USA; [Neptunia, Crotalaria of the New World]
- WUNDERLIN, Richard P.; (Dr.); Dept. of Biology, Univ. of South Florida, Tampa, Fla. 33620, USA; [Cercideae]
- YAKOVLEV, Gennadij P.; (Prof.); Popov St. 14, Chemical-pharmaceutical Institute, P-22, Leningrad, USSR; [Sophoreae, s.l.; the legumes of USSR and Central Asia]

LIBRARIES, RESEARCH INSTITUTES ET AL

(Arranged by city alphabetically)

- LOS ANGELES STATE AND COUNTY ARBORETUM; 301 North Baldwin Ave., Arcadia, Calif. 91106, USA
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- LIBRARY, BOTANISCHER GARTEN UND BOTANISCHES MUSEUM BERLIN-DAHLEM; Konigin-Luise - Strasse 6-8, D-1 Berlin 33 (Dahlem), FED. REP. OF GERMANY, BRD
- INSTITUTO DE BOTANICA DARWINION; Lavardén y Del Campo, San Isidro FBM, Correo Martínez, Buenos Aires, ARGENTINA
- THE LIBRARIES OF THE HARVARD HERBARIA; 22 Divinity Ave., Cambridge, Mass. 02138, USA
- GRAY HERBARIUM LIBRARY OF HARVARD UNIVERSITY; 22 Divinity Ave., Cambridge, Mass. 02138, USA
- BOTANICAL MUSEUM; Harvard University, Oxford St., Cambridge, Mass. 02138, USA
- AGRICULTURAL LIBRARY; Ministry of Agriculture and Lands, Central Farm, Cayo, BELIZE, Attn: E.A. Awe
- LIBRARY, REF. 77-7/491; Chemical Abstracts Service, Ohio State Univ., P.O. Box 3012, Columbus, Ohio 43210, USA, Attn: Procurement
- BATTELLE LABORATORIES; 505 King Ave., Columbus, Ohio 43201, USA, Attn: Ann W. Rudolph
- BUREAU OF FISH AND WILDLIFE; Box 1878, Frederiksted, St. Croix, VIRGIN ISLANDS 00840
- EDITOR OF PUBLICATIONS; Botanical Survey of India, Howrah- 3, INDIA, Attn: R. Thoathathi
- LIBRARY OF RIJKSHERBARIUM; Schelpenkade 6, Leiden, NETHERLANDS
- SERIALS DEPT.-GIFT AND EXCHANGE SECTION; Univ. of Nebraska - Lincoln Libraries, Lincoln, Nebraska 68588, USA

BIBLIOTECA; Facultad de Ciencias Forestales, Universidad de Los Andes, Merida,
VENEZUELA

NEW YORK BOTANICAL GARDEN; New York, N.Y. 10458, USA, Attn: Charles R. Long
MISSOURI BOTANICAL GARDEN; 2315 Tower Grove Ave., St. Louis, Mo. 63110, USA.; Attn: Carla
Lange

ROYAL BOTANIC GARDENS AND NATIONAL HERBARIUM; Birdwood Ave., South Yarra, Victoria
3141, AUSTRALIA

DAVIES LABORATORY, Private Mail Bag, P.O., Townsville, Q. 4810, AUSTRALIA,
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GLEANINGS FROM DATA COLLECTING SHEETS. For addresses see BB-7.

ACEBES needs Viciaeae and Genisteae literature; will exchange seeds.

ANDERSON would like to receive specimens of Acacia gum exudates.

ARROYO - See LANGENHEIM.

BAHADUR wants seeds of Fabaceae and especially Phaseolus and Cajanus. Plans to collect
in and around Andhra Pradesh.

BARBOSA-FEVEREIRO needs seeds of Phaseolus, Vigna, and Macroptilium and offers species
of northeast region of Brazil. Plans to collect in Caatinga "Brejo" region.

BARETTA-KUIPERS wants wood samples of Affonsea spp.

BARNEYBY requests Cassia specimens for identification and viable seeds. See IRWIN.

BEAUCHAMP is collecting native and cultivated southern California legumes. Will have
material for exchange.

BEHNKE in his sieve-element plastids study needs material from Psoraleeae, Cadieae,
Angylocalyceae, Daibergieae, Abreae, Brongniartieae, Adesmieae, Aeschynomeneae,
Euchrestaeae, Podylyrieae, Liparieae, Bossiaeeae.

BISBY will exchange seeds of Genisteae for seeds of Crotalaria (especially South
American) and Viciaeae (especially South American and Asian). Will be on a sabbatical
in the Fall of 1978, visiting Mexico and Colombia.

CARDENAS DE GUEVARA will be collecting throughout Venezuela.

CHRTKOVA needs seeds of European Lotus spp. and will be collecting in Czechoslovakia.

CLEMENTS will identify plant specimens of Centrosema in exchange for viable seeds.

DELGADO-SALINAS is collecting generally in Mexico.

DUNN offers North American Lupinus duplicates and vouchers for exchange. Currently
working with Lupinus of Mexico, Central America, Venezuela, Colombia, and Ecuador.
Ph.D. candidate working on Lupinus of Argentina. Will be collecting in Costa Rica
and Mexico this summer.

EL-GAZZAR has been awarded a research scholarship by the Alexander von Humboldt Foundation for 1 year, which he is currently spending at the Institut für Systematische Botanik der Universität München in W. Germany. His work in Munich is primarily concerned with a project on the numerical taxonomy of Crataegus (Rosaceae), but in the meantime he is carrying out a comprehensive survey of all available records of rust fungi on Leguminosae with a view to using the yield of information in testing existing classification of the family and its subordinate groupings. The part concerning the distribution of Uromyces species on various members of Leguminosae has already been completed and represents his contribution to the forthcoming International legume conference at Kew next July.

ERVIN needs seeds of wild Glycine, Psophocarpus, Cajanus, and Desmodium spp. May be able to offer innocula isolated from nodules of these genera from plants on St. Kitts (West Indies). Plans to continue with Caribbean field work.

FERGUSON can offer to specialists acetolysed pollen as light microscope slides in very limited number of legume tribes/genera. (This is a limited offer.) Will help with pollen morphology problems at tribe/genus level. Has exchanges of data with several Bean Bag readers.

FORERO will collect in Chocó, Colombia during October 1978.

GEESINK reports his last publication, "A provisional key to the genera and some species of the S.E. Asiatic Leguminosae-Faboidea" (Flora Malesiana Miscellaneous Records IV) is free and is constantly under revision. This key will be used in the Flora Malesiana, and possibly also in floras from surrounding areas. Suggestions for alterations and additions are most welcome.

GENEVOIS has seeds and fruits of Parkia biglobosa for exchange.

GRANT reports Lotus Newsletter No. 8, 1977 is available.

GRETHER-GONZALEZ wants to exchange herbarium specimens of Mimosa. Will be collecting in central and northern Mexico (Aguascalientes, Zacatecas, Durango, and Chihuahua) as well as the Yucatan Peninsula.

HANELT wants land-races and old cultivars of temperate legume crops, especially Pisum, Vicia faba, Lathyrus, Phaseolus, Lens, Cicer, and Lupinus. Has for exchange cultivars and wild relatives of these genera.

HAQ wants seeds of Psophocarpus cultigens from India, Sri Lanka, Burma and wild germplasm of Psophocarpus spp. Also wants seeds of day-neutral dwarf and climbing cultivars of large and small seeded type of Phaseolus lunatus and also Ph. harmsianus. Received a grant from Leverhulme Trust over three years to conduct a research project into the improvement of the Winged bean.

HARDAS wants quick growing trees and shrubs for fuel and fodder studies.

HEGNAUER needs seeds of Bauhinia carronii F. Muell., B. rufescens Lamk., Caesalpinia (Bauhinia) pulcherrima Swartz, Dichrostachys nyassana Taub., Indigofera australis Willd., I. galegioides DC., Lotononis carnosa Benth., Lotononis laxa E. et Z., L. involucrata Benth., Lupinus texensis Hook., Neptunia gracilis Benth., Ostryoderris spec. (Congo Brazzaville). Dr. Lucie H. Fikenscher and Frans van Valen are studying cyanogenic constituents of Lotus p.p., Tetragonolobus p.p., Ornithopus and Vicia p.p.

HERINGER requests legume tree seeds.

IRWIN needs seeds of Cassia and Mimosa. He and BARNEBY plan to complete revision of New World Cassia within one year and will start revision of New World Mimosa.

KOEPPEN reports that vouchered wood specimens are always welcome additions to the Madison collection. The vouchers need not accompany the wood specimens, but we need to know where they are deposited. However, we also have a small herbarium to house the vouchers if made available. Wood sectioning blocks will be sent to researchers upon request and herbarium sheets are available for loan. A list of wood specimens available is also available upon request. Due to a heavy service work load his research time is severely limited, but is interested in the wood anatomy of all legumes, especially the Caesalpinioideae. A research paper on silica accumulation in this group is currently in preparation.

KRETSCHMER would like to obtain Aeschynomene seeds, also Calopogonium and Teramnus labialis. He has a large collection of Papilionoideae including Stylosanthes, Macroptilium, Centrosema, Aeschynomene, Vigna, Galactia, Rhynchosia, etc.

LANGENHEIM needs seeds and vouchers of Copaifera, Eperua, and Guibourtia. Because her own field work will cover most of the New World distribution of Copaifera, she is particularly interested in African species. Will be in Brazil from Jan. to Sept. 1979 for evolutionary studies of Hymenaea and Copaifera. The systematic revision of Copaifera will be done in collaboration with SILVA. Preliminary systematic studies have been done on the Copaifera of Venezuela, collaboratively with Nereida Zena and ARROYO.

LARSEN (KAI) has become editor of Flora of Thailand and will be in Thailand in 1979. Would welcome Cassia and Bauhinia specimens.

LARSEN (SUPEE) will be in Thailand in 1979 and working with pollen of Bauhinia.

LESINS and I. Lesins are preparing "Genus Medicago," a taxogenetic study.

MACONOCHIE has generously offered to supply, where possible, herbarium and pickled material or seeds of north territory (Australia) legumes.

MARÉCHAL will exchange small viable seed samples of Phaseolus, Vigna, Macroptilium, and Strophostyles.

MISRA needs vouchered Cassia seeds and has Cassia papers in exchange as well as Indian seeds. Needs postage for seeds of other legume genera. Write for details. Will be collecting in India and Nepal. Wants to collaborate on international studies of medicinal properties of Cassia and viruses of legumes.

MOUSSARI needs legume papers or references relating to Iranian legumes.

MURTHI wants seeds of Atylosia and Cicer and will collect Cajanus cajan and Cicer arietinum.

NIELSEN would like seeds and fruits of Asian-Australian Ingeae. Has been on the Royal Geographical Society's Gunang Mulu (Sarawak) expedition.

NONGONIERMA needs legumes of Acacia gerrardii var. gerrardii and has legumes of West African Acacia.

NOZZOLILLO wants seeds of wild Pisum.

PALMER can supply small quantities of Glycine soja seeds.

PLITMANN wants seeds and specimens of Vicia, Lupinus, and annual Lathyrus. Will collect locally. Is interested in vetches allied to V. peregrina and in African and South American lupines.

PODLECH is collecting throughout Afghanistan from Jan. 3, 1978 until Feb. 28, 1979.

PRANCE wants to exchange Amazonian legumes. Will be in the field in Amazonian Brazil each year.

ROSENTHAL wants seeds of Dioclea and Canavalia and has hundreds of Lotoideae seeds for exchange.

SCHUBERT notes that Lackey is correct. "There is no possible way that Papilionoideae can be properly used in place of Faboideae." Will possibly be in the field in Mexico in Fall of 1978.

SCHULTZE-KRAFT wants viable seeds with tropical forage potential and data on distribution of the taxa. Research will emphasize acid-soil legumes and will collect in areas in Colombia, Venezuela, Panama, Peru, and Brazil where such soils occur. Will exchange seeds and herbarium specimens.

SILVA will be collecting in Brazil. See also LANGENHEIM.

SINHA will be studying Cassia in Bihar and environs of India and offers to collect Cassia spp.

SLINKARD wants viable Lens seeds other than L. culinaris. Volume 5 of LENS has been published. He and others are editors of Legume Research, a new international journal published in India.

SMART wants cultivar and wild species of Psophocarpus and can supply small quantities of Phaseolus and Vigna seeds. Will be in the Ivory Coast studying pulse culture.

SOUSAS wants to start a legume herbarium-specimen exchange using specimens from Oaxaca, Michoacán, Veracruz, and Jalisco. Will be collecting in these Mexican states. Exchange will be handled by MEXU.

STANKEVICZ wants Vicieae and Vicia reprints and to exchange herbarium specimens. Will be collecting in the Carpathian Mountains 1979-1980.

STEIN wants viable seeds or preserved shoot tips of Caesalpinioideae species.

STIRTON is compiling a world list of legume plants that have become invaders of natural vegetation. Plant invaders are introduced exotic plants brought into a country for whatever purpose, or accidentally, and which, having become naturalized, are replacing the indigenous vegetation. For example in South Africa there are 8 species of Australian Acacia, Albizia lophantha, Sesbania punicea, Robinia pseudoacacia, Parkinsonia aculeata, Caesalpinia decapetala, Prosopis glandulosa, Albizia procera, Albizia lebbeck, Prosopis pubescens, Prosopis velutina, Leucaena leucocephala, Mimosa pudica, Desmanthus virgatus to mention a few. I would very much like to hear from workers throughout the world if they encounter similar problems in their countries.

STORECK wants seeds of cultivated and wild species of Canavalia, subgenus Canavalia. Will exchange these or other legume species from Indiana.

TURNER wants material of Thermopsidae and has legume seeds and specimens from Texas and Mexico. Will be collecting in Mexico.

VAN DER MAESEN needs seeds of Cicer, Cajanus, and Atylosia. Will collect in India, Assam, Bangladesh, and Pakistan. He reports that R. P. S. Pundir has started a Ph.D. study on the relations between Atylosia cajanifolia (the pigeonpea's progenitor and/or closest relative) and other Atylosia spp. at Banaras Hindu University, Varanasi, India. He will use cytological electrophoresis, and crossing techniques.

VASSAL reports that Bulletin No. 5 of the International Group for the Study of Mimosoideae has been printed. Ask for price.

VERDCOURT returned to New Guinea during the early part of 1978 for a short period to hand over manuscript of his book on New Guinea Leguminosae and hoped to be able to undertake some field work. A revision of the genus Psophocarpus has been completed and handed over to the editor of the Kew Bulletin; all 9 species are fully illustrated. A palynological survey of the genus carried out by Mrs. M. Poole of the Kew Palynological Laboratory will be published at the same time.

WELSH sends this report. The herbarium of Brigham Young University has become an arm of the Life Science Museum at the University and will move during December and January (1977-1978). All correspondence should be addressed to the herbarium at Rm 378 Life Science Museum, Brigham Young University, Provo, Utah 84602. The herbarium contains some 18000 mounted specimens, mainly vascular plants. The collection is rich in legume species, mostly from the western United States. A separate collection is maintained for the arctic flora, which contains approximately 18000 sheets. We are interested in exchange programs which will provide legumes from any portion of the earth; in exchange we can provide specimens from western North America of any group of vascular plants.

WHITE is assessing the growth habit classification system used at Centro Internacional de Agricultura Tropical for P. vulgare. Is also interested in ideotype breeding of beans and other legumes from a physiological perspective.

YAKOVLEV needs tropical Sophoreae s.l. materials and offers seeds and specimens from Transbaicalian region. Will collect in Transbaicalian area, Altai, and Cuba.

* * * * *

RECENT (POST 1976) LEGUME LITERATURE When preparing a citation of your published legume paper or legume papers of general interest, please follow the form used in this BB. Use additional key words when needed to supplement the title. Major publications may have brief reviews. For additional information or reprints write to the author or authors; the addresses of those whose names are fully capitalized may be found in BB-1-7. Only papers with complete citations will be accepted; citations of papers in press should not be submitted.

Adams, R.J. and M.V. Smith. 1977. Scanning electron microscope and light microscope studies of pollens of some Leguminosae. Jour. Apic. Res. 16: 99-106.

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* * * APPENDIX * * *

Directory:

KANIS, A.; (Dr.); Herbarium Australiense (CSIRO), Box 1600, Canberra City, A.C.T. 2601 AUSTRALIA; [Mimosoideae, excl. Mimosa, of Australia and Papuasias]

MASON, Harriet; (Ms.); Dept. of Botany, 220 Biological Sciences Center, St. Paul, Minn. 55108, USA; [Taxonomy of Leucaena]

RAINA, S.N.; (Dr.); Cytogenetics Laboratory, Dept. of Botany, University of Jodhpur, Jodhpur, INDIA; [Cytogenetics of Legumes]

RUFF, Wm. R.; (Mr.); 7411 Loganberry Drive, Austin, Texas 78745, USA; [Phaseolus pedicellatus; Strophostyles]

CENTRO ARONOMICO TROPICAL DE INVESTIGACION Y ENSEÑANZA, Turrialba, COSTA RICA;
Attn: Dr. Heiner Goldbach [Seed physiologist]

Gleanings:

RAINA requests seeds for cytogenetic study of Tephrosia, Crotalaria, and Clitoria.

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